Abstract

A dynamic registration device for a mailing system that reduces the problems of dust generation, ink smearing, and print head contact is provided. The biasing force normally applied to the back panel of a mail piece, such that the front panel maintains contact with a registration plate, is controlled by an actuator such that the force can be removed when the printing module is not performing the actual printing process. Thus, the biasing force can be applied only when the print head is actually printing and the biasing force can be removed once printing has been completed. In other embodiments utilizing multiple printing modules, when one of the printing modules is inactivated, the biasing force can be removed, and the mail pieces pass through the inactive printing module without being registered against the top registration plate.

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